

FIG.1

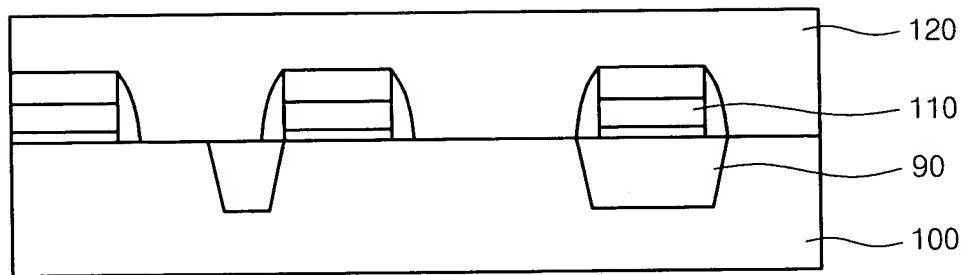


FIG.2

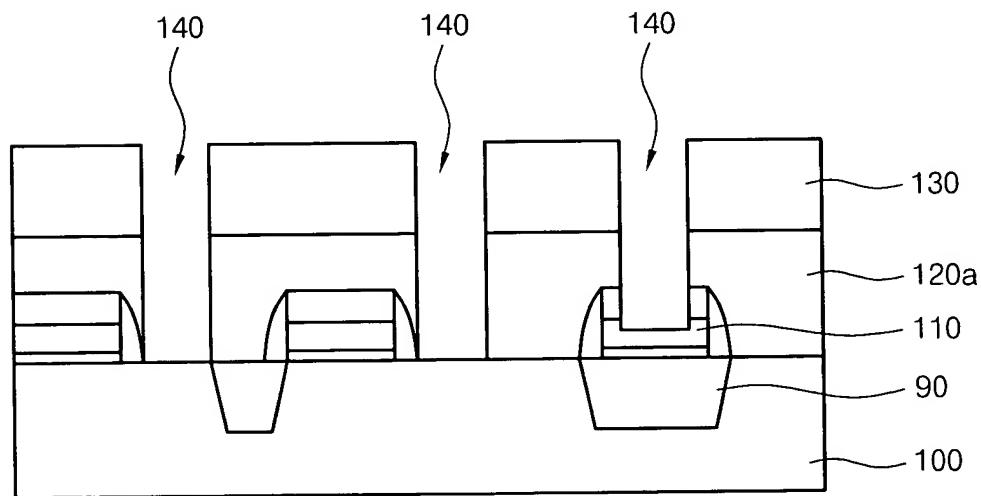


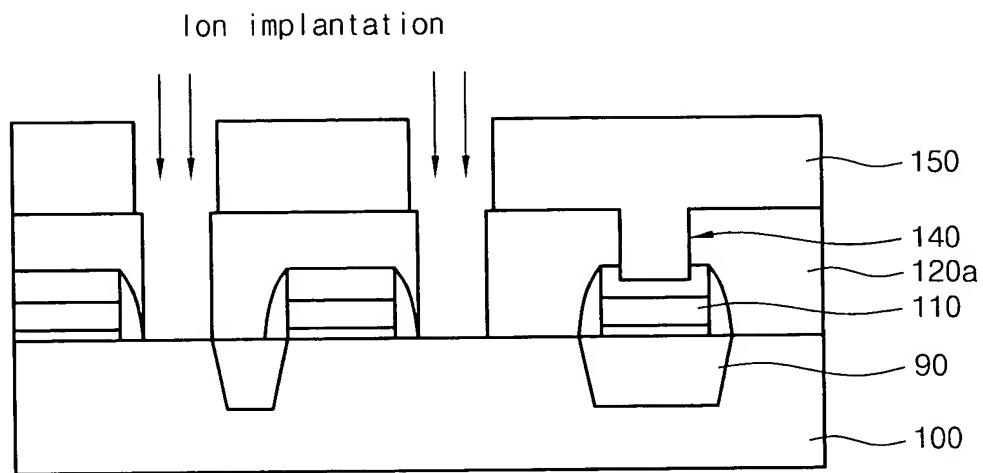
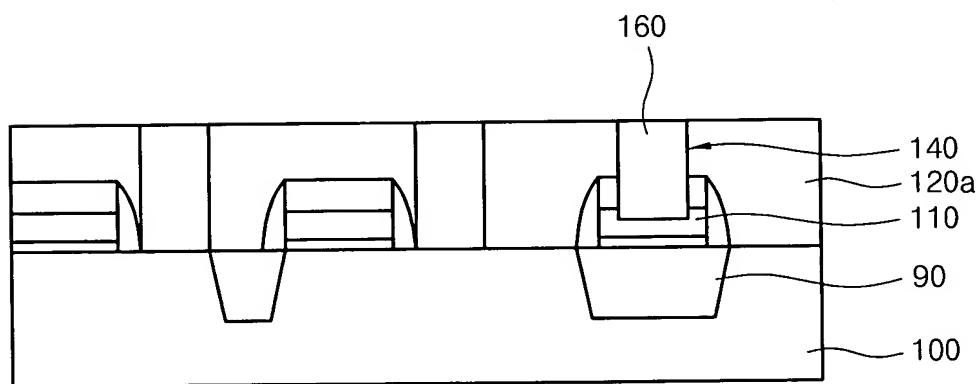
FIG.3**FIG.4**

FIG.5

Items	Base	S1	S2	S3	S4
P+add imp(15KeV, BF2)	2.00E+15		3.00E+15		4.00E+15
P+Add RTA	800°C, 20s		830°C, 20s		800°C, 20s
Vtsat2.5(10/0.22)	V	0.312	0.306	0.317	0.319
Idsat2.5(10/0.22)	uA/vm	219	224	223	219
BVdss(10/0.22_@10n)	V	6.4	6.5	6.5	6.6
N+ RS(3.6*360)	Ω /□	134.9	134.8	135.1	135.1
P+ RS(3.6*360)	Ω /□	256.3	255	254.5	254.2
BLC2 to P+(0.20)	Ω /ea	1414	1410	1083	1050

FIG. 6

